Comparisons of Job Characteristics

Focus Occupation: Helpers--Electricians (47-3013)
Associated Occupation: Carpenters (47-2031)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Helpers--Electricians (47-3013)
Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Building and Construction	4.0	17.5	14.8	<	Expanded education and/or training may be required
Mathematics	9.2	12.8	10.6	<	Expanded education and/or training may be required
Mechanical	6.8	12.6	13.4	0	Current knowledge level may be sufficient
Design	5.2	12.2	8.3	<<	Extensive education and/or training may be required
Production and Processing	6.0	10.9	5.0	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	8.6	7.5	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 63

Focus Occupation: Helpers--Electricians (47-3013)
Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Repairing	3.4	6.1	7.6	>	Skill level is likely sufficient
Equipment Selection	3.3	5.9	5.1	<	A higher skill level may be required
Equipment Maintenance	3.5	5.1	8.0	>>	Skill level is likely more than sufficient
Installation	1.7	3.8	5.7	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities	Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Helpers--Electricians (47-3013)
Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Trunk Strength	5.7	11.4	10.0	<	Some improvement in abilities may be required
Static Strength	5.0	11.3	9.4	<	Some improvement in abilities may be required
Visualization	7.5	11.3	9.7	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.2	13.0	>	Current ability level is likely sufficient
Extent Flexibility	4.8	10.8	12.2	>	Current ability level is likely sufficient
Multilimb Coordination	6.0	10.8	9.1	<	Some improvement in abilities may be required
Stamina	4.0	8.7	6.7	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	8.6	9.2	0	Current ability level may be sufficient
Speed of Limb Movement	3.2	8.3	3.7	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	6.2	2.6	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 74

Focus Occupation: Helpers--Electricians (47-3013)
Associated Occupation: Carpenters (47-2031)

Work Activities	Exclusivity of Activity
Climb ladders, scaffolding, or utility or telephone poles	56
Dig holes or trenches for foundations, posts, poles, or related items	78
Erect scaffold	56
Fabricate, assemble, or disassemble manufactured products by hand	11
Measure, weigh, or count products or materials	17
Move or fit heavy objects	8
Operate hoist, winch, or hydraulic boom	34
Paint walls or other structural surfaces	75
Read blueprints	10
Read tape measure	41

Read technical drawings	7
Use basic carpentry techniques	62
Use hand or power tools	2
Use measuring devices in construction or extraction work	41

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 59

Focus Occupation: Helpers--Electricians (47-3013)
Associated Occupation: Carpenters (47-2031)

Tools and Technologies	Exclusivity
Compressors	9
Computers	1
Content authoring and editing software	1
Cutting and crimping and punching tools	3
Data management and query software	1
Face and head protection	7
Fastener setting tools	12
Forming tools	2
Holding and clamping tools	3
Indicating and recording instruments	2
Ladders and scaffolding	6
Lifting equipment and accessories	3
Marking tools	11
Measuring and layout tools	3
Pneumatic tools	8
Power generators	16
Power tools	2
Prying and bending tools	10
Respiratory protection	6
Tool attachments and accessories	12
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.